

1      **CLAIMS**

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3      1.     A user interface comprising:  
4            a full scale image presented on a screen;  
5            a scaled image, which is scaled from the full scale image, overlaid onto a  
6            portion of the full scale image; and  
7            a graphical user interface positioned next to the scaled image overlaid onto  
8            the full scale image without obscuring the scaled image.

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10     2.     The user interface of claim 1 wherein the full scale image is a  
11        different format than the scaled image.

12

13     3.     The user interface of claim 1 wherein a user determines a format of  
14        the full scale image and a format of the scaled image.

15

16     4.     The user interface of claim 1 wherein the full scale image and the  
17        scaled image are similar in appearance.

18

19     5.     The user interface of claim 1 wherein the scaled image is placed  
20        along a left side of the full scale image.

21

22     6.     The user interface of claim 1 wherein a user determines where the  
23        scaled image is overlaid onto the full scale image.

1           7. The user interface of claim 1 wherein the graphical user interface is  
2 configured to receive instructions from a user to provide a different graphical user  
3 interface.

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5           8. A method in a client device comprising:  
6                 displaying a full scale image on a screen;  
7                 overlaying a scaled image of the full scale image onto the full scale image;  
8                 and  
9                 placing a graphical user interface next to the scaled image overlaid onto the  
10               full scale image without obscuring the scaled image.

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12           9. The method of claim 8 wherein the scaled image is a different  
13 format than the full scale image.

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15           10. The method of claim 8 wherein the scaled image is placed along a  
16 left side of the full scale image.

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18           11. The method of claim 8 further comprising receiving an instruction  
19 from a user to modify information presented by the graphical user interface.

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21           12. A method comprising:  
22                 receiving a first video stream of full scale images;  
23                 creating a second video stream of visually similar, but reduced scaled  
24 images; and

1       outputting the first and second video streams of images along with a  
2 graphical user interface, wherein the scaled images and graphical user interface are  
3 overlaid onto the full scale images.

4

5       13. The method of claim 12 wherein the scaled images are a different  
6 format than the full scale images.

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8       14. The method of claim 12 wherein the receiving is from a media  
9 content provider.

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11       15. The method of claim 12 wherein receiving further comprises  
12 receiving other media content.

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14       16. The method of claim 12 wherein the creating is performed by  
15 splitting the received video stream of images.

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17       17. The method of claim 12 wherein the creating is performed by  
18 splitting the received video stream of images and compressing the selected ones of  
19 the images.

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21       18. The method of claim 17 wherein the compressing is performed by a  
22 compression algorithm.

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24       19. The method of claim 12 further comprising synchronizing the  
25 images of the video streams.

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2       20. The method of claim 19 wherein the synchronizing is performed on  
3 other media content.  
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5       21. The method of claim 12 further comprising accepting instructions  
6 from a user that modify the graphical user interface.  
7

8       22. A television server that performs the method of claim 12.  
9

10      23. A head end system that comprises the television server of claim 22.  
11

12      24. A method comprising:  
13           receiving media content;  
14           separating from the media content a video stream comprised of scaled  
15 images, a video stream comprised of full scale images, a graphical user interface;  
16 and  
17           displaying the full scale images on a screen, wherein the scaled images and  
18 graphical user interface are overlaid onto the full scale images.  
19

20      25. The method of claim 24 wherein the full scale images are a different  
21 format than the scaled images.  
22

23      26. The method of claim 24 wherein the scaled images are compressed  
24 images of the full scale images.  
25

1       27. The method of claim 24 wherein the receiving is from a distribution  
2 network.

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4       28. The method of claim 24 wherein the distribution network is part of  
5 television entertainment system.

6  
7       29. The method of claim 24 wherein the separating is performed by one  
8 or more tuners.

9  
10      30. The method of claim 24 further comprising synchronizing similar  
11 images of the full scale and scaled images.

12  
13      31. The method of claim 30 wherein the synchronizing is performed  
14 with other media data.

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16      32. A client device that performs the method of claim 24.

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18      33. A method comprising:  
19           receiving a video stream of images and a graphical user interface;  
20           splitting the video stream into two similar video streams;  
21           scaling the images of one of the two video streams to create a video stream  
22           of scaled images;  
23           displaying full scale images of the video stream whose images are not  
24           scaled; and

1            overlaying the scaled images and graphical user interface onto the full scale  
2            images.

3  
4            34.       The method of claim 33 wherein the video stream of images and the  
5            graphical user interface are part of other media content.

6  
7            35.       The method of claim 33 wherein the full scaled images are a  
8            different format than the scaled images.

9  
10          36.       The method of claim 33 wherein the scaling comprises compressing  
11          of the scaled images.

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13          37.       The method of claim 36 wherein the compressing is performed using  
14          a compression algorithm.

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16          38.       The method of claim 33 wherein the receiving is from a distribution  
17          network.

18  
19          39.       The method of claim 38 wherein the distribution network is part a  
20          television entertainment system.

21  
22          40.       The method of claim 33 further comprising synchronizing the full  
23          scale images with the scaled images.

1       41. The method of claim 40 wherein the synchronizing is performed  
2 with other media data.

3  
4       42. A client device that performs the method of claim 35.

5  
6       43. A server comprising:  
7           means for receiving media content;  
8           means for creating two similar video streams from a received video stream  
9 included in the media content;  
10          means for scaling images of one the video streams; and  
11          means for broadcasting images of the video stream comprising scaled  
12 images and the video stream whose images are not scaled.

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14       44. The server of claim 43 wherein the means for scaling comprises  
15 compression the images using a compression algorithm.

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17       45. The server of claim 43 wherein the means for broadcasting further  
18 comprises a graphical user interface.

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20       46. The server of claim 45 further comprising means for accepting  
21 instructions from a remote user to modify information related to the graphical user  
22 interface.

23  
24       47. A client device comprising:

1       means for receiving one or two video streams of images, wherein when two  
2 video streams are received one of the video streams comprises scaled images and  
3 the other video stream comprises full scale images;

4       means for creating an identical video stream of images when only one  
5 video stream is received;

6       means for scaling images of one of the video streams to a create a video  
7 stream of scaled images when only one video stream is received; and

8       means for displaying the full scale images and scaled images overlaid onto  
9 the full scale images.

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11      48. The client device of claim 47 wherein the means for receiving is  
12 from a distribution network.

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14      49. The client device of claim 47 wherein the means for receiving  
15 further comprises a graphical user interface.

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17      50. The client device of claim 49 wherein the means for displaying  
18 further comprises overlaying the graphical user interface onto the full scale  
19 images.

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21      51. The client device of claim 47 further comprising means for  
22 accepting actions from a user to modify the graphical user interface.

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24      52. The client device of claim 47 wherein the means for scaling  
25 comprises compressing the images.

1  
2       53. A server comprising:  
3           a memory;  
4           a processor coupled to the memory; and  
5           instructions stored in the memory and executable on the processor to access  
6       media content from a source wherein the media content comprises a video stream  
7       of full scale images; create a similar video stream; scale images of one of the  
8       video streams; and broadcast the video streams and a graphical user interface,  
9       wherein the full images are displayed at a receiving device and the scaled images  
10      along with graphical user interface are overlaid onto the full scale images.

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12       54. The server of claim 53 wherein the instructions further comprise  
13       receiving and processing information that changes the graphical user interface.

14  
15       55. A client device comprising:  
16           a memory;  
17           a processor coupled to the memory; and  
18           instructions stored in the memory and executable on the processor to  
19       receive one or two video streams and a graphical user interface; create an identical  
20       video stream of scaled images if only one stream is received; scale images of one  
21       of the video streams; and display images of the non-scaled video stream overlaid  
22       with the scale images and the graphical user interface.

23  
24       56. The server of claim 55 wherein the instructions further comprise  
25       receiving and processing information that changes the graphical user interface.

1  
2       57. A computer-readable medium having computer-executable  
3 instructions for performing steps comprising:  
4             receiving video stream data and graphical user interface;  
5             splitting the video stream data to create two video streams of similar data;  
6             creating scaled images of one of two video streams; and  
7             outputting the video streams and the graphical user interface to a display  
8 device.  
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10      58. The computer-readable medium of claim 57 further comprising  
11 processing instructions to modify the graphical user interface.  
12

13      59. A system comprising:  
14             a television server; and  
15             a client device configured to receive one or two video streams from the  
16 television server computer, where when two video streams are received one stream  
17 comprises scaled video images and the other stream comprises full scale images,  
18 and a graphical user interface; create a scaled image video stream if only one  
19 video stream is received; and display the full scale images with overlaid scaled  
20 images and the graphical user interface.  
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22      60. The system of claim 59 wherein the television server provides the  
23 graphical user interface to the client device.  
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1       61. The system of claim 59 wherein the television server is configured to  
2 receive instructions to modify the graphical user interface.

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4       62. The system of claim 61 wherein the client device is further  
5 configured to modify the graphical user interface.

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